



Miller Nash LLP
3500 U.S. Bancorp Tower
111 S.W. Fifth Avenue
Portland, OR 97204-3699
(503) 224-5858
(503) 224-0155 fax

4400 Two Union Square
601 Union Street
Seattle, WA 98101-2352
(206) 622-8484
(206) 622-7485 fax

900 First Interstate Tower
900 Washington Street
Post Office Box 694
Vancouver, Washington 98666-0694
(360) 699-4771
(360) 693-2911 fax

Karen Dana Oster
oster@millernash.com
(503) 205-2560 direct line

July 12, 2000

VIA FEDERAL EXPRESS

Harris Associates
2001 Jefferson Davis Highway, Suite 310A
Arlington, VA 22202
Attention: Jennifer or Tammy

Subject: New U.S. Patent Application for METHODS FOR MOTION
ESTIMATION WITH ADAPTIVE MOTION ACCURACY and
Petition for License for Foreign Filing

Dear Jennifer and Tammy:

As per your conversations with my assistant, Wayne Akin, enclosed is the patent application filing for the invention entitled METHODS FOR MOTION ESTIMATION WITH ADAPTIVE MOTION ACCURACY. Please walk this application through the U.S. Patent and Trademark Office upon receipt, have the postcard receipt stamped with the appropriate date, July 13, 2000, and return the postcard to our offices. Also enclosed are two copies of the Petition for License for Foreign Filing along with copies of the patent application specification and drawings. Please walk this Petition through the Licensing and Review department of the U.S. Patent and Trademark Office upon receipt (July 13, 2000). Please have the postcard stamped with the July 13, 2000 date and return it to our offices via U.S. mail. Finally, please let me know via facsimile when these two projects have been completed.

Please call me (503-205-2560) or my assistant, Wayne Akin (503-205-2578), if you have any questions.

Sincerely,

Karen Dana Oster

07/13/00
JC658 U.S. PTO

Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (4/98)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))	Attorney Docket No. KDO:190230-4
	First Inventor or Application Identifier Jordi Ribas-Corbera
	Title METHODS FOR MOTION ESTIMATION WITH...
	Express Mail Label No. _____

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	5. <input type="checkbox"/> Microfiche Computer Program (Appendix)
2. <input checked="" type="checkbox"/> Specification [Total Pages 23] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies
3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 16]	ACCOMPANYING APPLICATION PARTS 7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 8. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement of Power of Attorney (when there is an assignee) 9. <input type="checkbox"/> English Translation Document (if applicable) 10. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations 11. <input type="checkbox"/> Preliminary Amendment 12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 13. <input type="checkbox"/> * Small Entity Statement(s) filed in prior application, Status still proper and desired (PTO/SB/09-12) 14. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 15. <input checked="" type="checkbox"/> Other: <u>Petition for License for Foreign Filing</u>
4. Oath or Declaration [Total Pages 3] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 16 completed) i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).	

* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: _____
 Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS					
<input type="checkbox"/> Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here)			or <input checked="" type="checkbox"/> Correspondence address below		
Name	Karen Dana Oster Miller Nash LLP				
Address	3500 U.S. Bancorp Tower 111 S.W. Fifth Avenue				
City	Portland	State	Oregon	Zip Code	97204
Country	USA	Telephone	(503) 224-5858	Fax	(503) 224-0155

Name (Print/Type)	Karen Dana Oster	Registration No. (Attorney/Agent)	37,621
Signature	<i>Karen Oster</i>	Date	July 12, 2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

FEE TRANSMITTAL

for FY 2000

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$) 882.00

Complete if Known

Application Number	
Filing Date	Concurrently herewith
First Named Inventor	Jordi Ribas-Corbera
Examiner Name	
Group / Art Unit	
Attorney Docket No.	KDO:190230-4

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																	
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number: 13-3571</p> <p>Deposit Account Name: </p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>	<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Code</th> <th>Small Entity Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td></tr> <tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Extension for reply within second month</td></tr> <tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension for reply within third month</td></tr> <tr><td>118</td><td>1,360</td><td>218</td><td>680</td><td>Extension for reply within fourth month</td></tr> <tr><td>128</td><td>1,850</td><td>228</td><td>925</td><td>Extension for reply within fifth month</td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td></tr> <tr><td>141</td><td>1,210</td><td>241</td><td>605</td><td>Petition to revive - unintentional</td></tr> <tr><td>142</td><td>1,210</td><td>242</td><td>605</td><td>Utility issue fee (or reissue)</td></tr> <tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td></tr> <tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>146</td><td>690</td><td>246</td><td>345</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td></tr> <tr><td>149</td><td>690</td><td>249</td><td>345</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td></tr> <tr><td colspan="5">Other fee (specify) _____</td></tr> <tr><td colspan="5">Other fee (specify) _____</td></tr> </tbody> </table>	Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath	127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	139	130	139	130	Non-English specification	147	2,520	147	2,520	For filing a request for reexamination	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	115	110	215	55	Extension for reply within first month	116	380	216	190	Extension for reply within second month	117	870	217	435	Extension for reply within third month	118	1,360	218	680	Extension for reply within fourth month	128	1,850	228	925	Extension for reply within fifth month	119	300	219	150	Notice of Appeal	120	300	220	150	Filing a brief in support of an appeal	121	260	221	130	Request for oral hearing	138	1,510	138	1,510	Petition to institute a public use proceeding	140	110	240	55	Petition to revive - unavoidable	141	1,210	241	605	Petition to revive - unintentional	142	1,210	242	605	Utility issue fee (or reissue)	143	430	243	215	Design issue fee	144	580	244	290	Plant issue fee	122	130	122	130	Petitions to the Commissioner	123	50	123	50	Petitions related to provisional applications	126	240	126	240	Submission of Information Disclosure Stmt	581	40	581	40	Recording each patent assignment per property (times number of properties)	146	690	246	345	Filing a submission after final rejection (37 CFR § 1.129(a))	149	690	249	345	For each additional invention to be examined (37 CFR § 1.129(b))	Other fee (specify) _____					Other fee (specify) _____				
Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																														
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																														
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.																																																																																																																																														
139	130	139	130	Non-English specification																																																																																																																																														
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																														
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																														
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																														
115	110	215	55	Extension for reply within first month																																																																																																																																														
116	380	216	190	Extension for reply within second month																																																																																																																																														
117	870	217	435	Extension for reply within third month																																																																																																																																														
118	1,360	218	680	Extension for reply within fourth month																																																																																																																																														
128	1,850	228	925	Extension for reply within fifth month																																																																																																																																														
119	300	219	150	Notice of Appeal																																																																																																																																														
120	300	220	150	Filing a brief in support of an appeal																																																																																																																																														
121	260	221	130	Request for oral hearing																																																																																																																																														
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																														
140	110	240	55	Petition to revive - unavoidable																																																																																																																																														
141	1,210	241	605	Petition to revive - unintentional																																																																																																																																														
142	1,210	242	605	Utility issue fee (or reissue)																																																																																																																																														
143	430	243	215	Design issue fee																																																																																																																																														
144	580	244	290	Plant issue fee																																																																																																																																														
122	130	122	130	Petitions to the Commissioner																																																																																																																																														
123	50	123	50	Petitions related to provisional applications																																																																																																																																														
126	240	126	240	Submission of Information Disclosure Stmt																																																																																																																																														
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																														
146	690	246	345	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																														
149	690	249	345	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																														
Other fee (specify) _____																																																																																																																																																		
Other fee (specify) _____																																																																																																																																																		
<p>FEE CALCULATION</p> <p>1. BASIC FILING FEE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Code</th> <th>Small Entity Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>690</td><td>201</td><td>345</td><td>Utility filing fee</td></tr> <tr><td>106</td><td>310</td><td>206</td><td>155</td><td>Design filing fee</td></tr> <tr><td>107</td><td>480</td><td>207</td><td>240</td><td>Plant filing fee</td></tr> <tr><td>108</td><td>690</td><td>208</td><td>345</td><td>Reissue filing fee</td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td></tr> </tbody> </table> <p>SUBTOTAL (1) (\$) 690.00</p> <p>2. EXTRA CLAIM FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>-20** = 2</td> <td>18</td> <td>36</td> </tr> <tr> <td>5</td> <td>-3** = 2</td> <td>78</td> <td>156</td> </tr> <tr> <td colspan="4">Multiple Dependent: _____ = _____</td> </tr> </tbody> </table> <p>**or number previously paid, if greater; For Reissues, see below</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Code</th> <th>Small Entity Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>102</td><td>78</td><td>202</td><td>39</td><td>Independent claims in excess of 3</td></tr> <tr><td>104</td><td>260</td><td>204</td><td>130</td><td>Multiple dependent claim, if not paid</td></tr> <tr><td>109</td><td>78</td><td>209</td><td>39</td><td>** Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table> <p>SUBTOTAL (2) (\$) 192.00</p>	Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid	101	690	201	345	Utility filing fee	106	310	206	155	Design filing fee	107	480	207	240	Plant filing fee	108	690	208	345	Reissue filing fee	114	150	214	75	Provisional filing fee	Total Claims	Extra Claims	Fee from below	Fee Paid	22	-20** = 2	18	36	5	-3** = 2	78	156	Multiple Dependent: _____ = _____				Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid	103	18	203	9	Claims in excess of 20	102	78	202	39	Independent claims in excess of 3	104	260	204	130	Multiple dependent claim, if not paid	109	78	209	39	** Reissue independent claims over original patent	110	18	210	9	** Reissue claims in excess of 20 and over original patent	<p>SUBTOTAL (3) (\$) 0</p> <p>* Reduced by Basic Filing Fee Paid</p>																																																																					
Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																														
101	690	201	345	Utility filing fee																																																																																																																																														
106	310	206	155	Design filing fee																																																																																																																																														
107	480	207	240	Plant filing fee																																																																																																																																														
108	690	208	345	Reissue filing fee																																																																																																																																														
114	150	214	75	Provisional filing fee																																																																																																																																														
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																															
22	-20** = 2	18	36																																																																																																																																															
5	-3** = 2	78	156																																																																																																																																															
Multiple Dependent: _____ = _____																																																																																																																																																		
Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																														
103	18	203	9	Claims in excess of 20																																																																																																																																														
102	78	202	39	Independent claims in excess of 3																																																																																																																																														
104	260	204	130	Multiple dependent claim, if not paid																																																																																																																																														
109	78	209	39	** Reissue independent claims over original patent																																																																																																																																														
110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																														

SUBMITTED BY			Complete (if applicable)	
Name (Print/Type)	Karen Dana Oster	Registration No. (Attorney/Agent)	37,621	Telephone
Signature				(503) 224-5858
				Date
				July 12, 2000

WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.